

*Fee Only*  
USSN 10/631,349  
Atty. Docket No. 2003-0025-02

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

John P. Fallon et al.

Serial No.: 10/631,349

Filed: July 30, 2003

For: CONTROL SYSTEM FOR A TWO  
CHAMBER GAS DISCHARGE LASER

Examiner: Not Yet Assigned

Group Art Unit: 2828

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**PRELIMINARY AMENDMENT**

Sir:

Prior to the examination of the above-captioned application, please amend the claims as follows:

**IN THE CLAIMS:**

Please add new claims 24 through 91 as follows:

24. (new): A gas discharge laser timing control system for a two chambered gas discharge laser system operating at discharge repetition rates of in excess of 3000 Hz and having a first chamber providing a seed laser beam to a second amplifying chamber, with each of the first chamber and second chamber receiving a pulse of electrical energy across a respective pair of discharge electrodes, after a respective initial charging capacitor in a respective electrical pulse energy source is charged from a charging circuit, and after the triggering of a first solid state switch connected to the respective electrical

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